

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit:
)	
Norman Rostoker)	Examiner:
)	
Serial No.: To be assigned)	
)	
Filed: Herewith)	
)	
For: FORMATION OF A FIELD REVERSED)	
CONFIGURATION FOR MAGNETIC AND)	
ELECTROSTATIC CONFINEMENT OF)	
PLASMA)	

INFORMATION DISCLOSURE STATEMENT

BOX PATENT APPLICATION
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

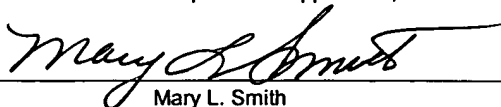
Applicant hereby discloses to the Patent Office patents, publications, and other information of which they are aware. A Form PTO-1449 listing the above items for consideration by the examiner is attached hereto.

CERTIFICATE OF MAILING
37 CFR §1.10

Date: March 11, 2004

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I hereby certify that on the dated listed above, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service in accordance with 37 C.F.R. § 1.10 as "Express Mail Post Office to Addressee," with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Mary L. Smith

The items cited on the attached Form PTO-1449 may or may not be material to the patentability of the claims in the above-identified application, and their submission is not to be construed as an admission that the items are material or considered to be material (37 C.F.R. § 1.97(h)), or even that they qualify as "prior art" under 35 U.S.C. § 102 with respect to the claimed invention unless specifically designated as such. Identification of any publication or patent having an issue date or a publication date after the statutory bar date is not an admission that the publication was published, or that the patent was filed, before the invention claimed in this application was made by Applicant.

The filing of this Information Disclosure Statement is not to be construed to mean that a search has been made or that additional information material to the examination of this application does not exist.

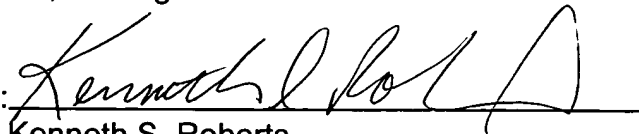
Because this statement is being submitted prior to the first action on the merits, no fee is required under 37 C.F.R. 1.97(b). However, should the Patent Office determine that a fee is required, the Assistant Commissioner is hereby authorized to charge Deposit Account No. **15-0665** for the fee.

Respectfully submitted,

Orrick, Herrington & Sutcliffe LLP

Dated: March 11, 2004

By:



Kenneth S. Roberts

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FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 703538.4039	SERIAL NO. N/A
APPLICANT: Rostoker et al.		
FILING DATE: Herewith		GROUP: N/A

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	3,132,996	5/12/1964	Baker et al.			
	AB	3,258,402	6/28/1966	P.T. Farnsworth			
	AC	3,386,883	6/4/1968	P.T. Farnsworth			
	AD	3,527,977	9/8/1970	Ruark			
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	AG	4,010,396	3/1/1977	Ress et al.	313	231.3	
	AH	4,057,462	11/8/1977	Jassby et al.	176	5	
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	AJ	4,233,537	11/11/1980	Limpaecher	313	231.3	
	AK	4,246,067	1/20/1981	Linlor	176	3	
	AL	4,416,845	11/22/1983	Salisbury	376	107	
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	AS	4,390,494	1/28/1983	Salisbury	376	107	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES NO

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 703538.4039	SERIAL NO. N/A
	APPLICANT: Rostoker et al.	
	FILING DATE: Herewith	GROUP: N/A

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	AT	ROSTOKER, N. et al., <u>Self-colliding beams as an alternative fusion system for D-He/sup 3/reactors</u> , Current trends in International fusion research. Proceedings of the first International Symposium of Evaluation of Current Trends in Fusion Research, Washington, D.C., November 14-18, 1997, pages 33-41
	AU	ROSTOKER, N. et al., <u>Colliding Beam Fusion Reactor</u> , University of California, Irvine, and University of Florida, Gainesville, FL, pages 1-26 (1997)
	AV	WARE, A et al., <u>Electrostatic plugging of open-ended magnetic containment systems</u> , Nuclear Fusion, December 1969, Austria, vol. 9, no. 4, pages 353-361
	AW	RUGGIERO, Alesandro G., <u>Proton-Boron Colliding Beams for Nuclear Fusion</u> , Proceedings if ICONE 8 8th Int'l. Conference on Nuclear Engineering (April 2-6, 2000, Batimore, MD), pp. 1-11)
	AX	ROSTOKER, N. et al., <u>Self-colliding beams as an alternative fusion system</u> , Proceedings of the International Conference on High Power Particle Beams (10th), San Diego, CA (June 20-24, 1994), pages 195, 196, 198, 200)
	AY	ROSTOKER, N. et al., Comments on Plasma Phys. Controlled Fusion, <u>Self-Colliding Systems for Aneutronic Fusion</u> , Vol. 15, No. 2, pp. 105-120, 1992 Gordon and Breach, Science Publishers S.A., U.K.
	AZ	BINDERBAUER et al., <u>Turbulent transsport in magnetic confinement: how to avoid it</u> , Dept. of Physics, University of California, Irvine, CA (4/8/1996)pp. 1-15
	BA	<u>Welcome to Colliding Beam Fusion</u> (http://fusion.ps.uci.edu/beam/intro.html) (Copyright 1997), pp. 1-3
	BB	ROSTOKER, NORMAN, <u>Advanced Fusion Energy and Future Energy Mix Scenarios</u> , Abstracts with Programs from 1999 Annual Meeting and Exposition, The Geological Society of America (Oct. 25-28, 1999, Denver, CO),
	BC	DAWSON, JOHN M., <u>Advanced Fuels for CTR</u> , Four Workshops in Alternate Concepts in Controlled Fusion, Electric Power Research Institute, Palo Alto, CA (May 1977), pp. 143-147
	BD	ROSTOKER, NORMAN, <u>Alternate Fusion Concepts</u> , Current Trends in International Fusion Research, edited by Panarella, Plenum Press, New York and London, pp. 489-495
	BE	ROSTOKER, N. et al., <u>Classical Scattering in a High Beta Self-Colider/FRC</u> , AIP Conference Proceedings 311 (Irvine, CA 1993), Physics of High Energy Particles in Toroidal Systems, American Institute of Physics, New York
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	BG	ROSTOKER, N. et al., <u>Colliding Beam Fusion Reactor</u> , American Association for the Advancement of Science (11/21/1997), Vol. 278, pp. 1419-1422
	BH	WESSEL et al., <u>Colliding Beam Fusion Reactor Space Propulsion System</u> , Space Tech. and Applications International Forum-2000, edited by M.S. El-Genk (2000 American Institute of Physics, pp. 1425-1430
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	BJ	ROSTOKER et al., <u>Fusion Reactors Based on Colliding Beams in a Field Reversed Configuration Plasma</u> , Comments Plasma Phys. Controlled Fusion (1997), Vol. 18, No. 1, No. 1, pp. 11-23
	BK	ROSTOKER, <u>Large Orbit Magnetic Confinement Systems for Advanced Fusion Fuels</u> , Final Technical Report, U.S. Department of Commerce, National Technical Information Service (April 1, 1990-Feb. 29, 1992)
	BL	MILEY, G.H. et al, "On Design and Development issues for the FRC and Related Alternate Confinement Concepts," 6th IAEA Technical Committee Meeting and Workshop on Fusion Power Plant Design and Technology, Culham, UK, 24-27 March 1998, vol. 48, no. 3-4, pages 327-337
	BM	KALINOWSKY, H "Deceleration of Antiprotons from MeV to keV Energies" Antihydrogen Workshop, Munich, Germany, 30-31 July 1992, Vol. 79, no. 1-4, pages 73-80

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